First-Year Seminars (FYS)

PSYC 068: First-Year Seminar: Psychology of Emotion (3)
Instructor: Dr. Kristen Lindquist
This first-year seminar is designed for students interested in exploring the psychology of emotion. Topics include theoretical models of emotion process and structure, as well as a review of research questions about emotional expressions, automatic physiology, affective neuroscience, emotion and reasoning, emotion and health.

PSYC 089: First-Year Seminar: Special Topics
Instructor: Dr. Anna Bardone-Cone
Content varies by semester.

PSYC 089H: First-Year Seminar: Critical Thinking in Psychology and Beyond: How to use Your Brain
Instructor: Dr. Jon Abramowitz
This course focuses on the development of critical thinking skills, especially as they relate to psychological science. In addition to learning basic skills of logic, students will learn about the logic of the scientific method and the common errors of human cognition that impede critical thinking.

Lower-Level Undergraduate Courses (PSYC 100-399)

PSYC 101: General Psychology (3)
Instructor: Dr. Jeannie Loeb (001), Dr. David Penn (002)
A survey of major principles of psychology and an introduction to scientific modes of thought about behavior. Students participate in ongoing psychological research in the department. PSYC 101 is a prerequisite for all psychology courses.

PSYC 210: Statistical Principles of Psychological Research (3)
Instructor: Dr. Patrick Harrison (001), Dr. Viji Sathy (002)
Prerequisite: PSYC 101
Consideration of the methodological principles underlying psychological research, descriptive and inferential techniques, and the manner by which they may be employed to design psychological experiments and analyze behavioral data. Three lecture hours and one laboratory hour a week.

PSYC 220: Biopsychology (3)
Instructor: Dr. Marsha Penner (001), Nathan Burnham (002)
Prerequisite: PSYC 101
Study of the biological basis of behavior. Emphasis will be placed on human findings and applications.
PSYC 222: Learning (3)
Instructor: Dr. Marsha Penner (001), Dr. Vicki Chanon (002)
Prerequisite: PSYC 101
Topics in conditioning, verbal learning, memory, and problem solving.

PSYC 225: Sensation and Perception (3)
Instructor: Adam Smith (001), Dr. Vicki Chanon (002)
Prerequisite: PSYC 101
Topics in vision, audition, and the lower senses. Receptor mechanisms, psychophysical methods, and selected perceptual phenomena will be discussed.

PSYC 230: Cognitive Psychology (3)
Instructor: Dr. Joseph Hopfinger (001), Sandy Zerkle (002) & Giulia Pancani (003)
Prerequisite: PSYC 101
Topics in attention; memory; visual, auditory, and other forms of information processing; decision making; and thinking.

PSYC 230H: Cognitive Psychology (3)
Instructor: Dr. Jessica Cohen (001)
Prerequisite: PSYC 101
Topics in attention; memory; visual, auditory, and other forms of information processing; decision making; and thinking.

PSYC 242: Introduction to Clinical Psychology* (3)
Instructor: Dr. Desiree Griffin (001)
Prerequisite: PSYC 101
Overview of clinical psychology: history, scientific basis, and major activities and concerns including assessment, psychotherapy, and other psychological interventions, community psychology, ethics, and professional practice.

*This course will replace the older PSYC 505 (Introduction to Child Psychology) and will NOT count toward the Psychology major if a student has previously taken PSYC 505 for credit.

PSYC 245: Abnormal Psychology (3)
Instructor: Dr. Jon Abramowitz (001), Danielle Weber (002), Yun Chen (003)
Prerequisite: PSYC 101
Major forms of behavior disorders in children and adults, with an emphasis on description, causation, and treatment.

PSYC 245H: Abnormal Psychology (3)
Instructor: Dr. Don Baucom (001)
Prerequisite: PSYC 101
Major forms of behavior disorders in children and adults, with an emphasis on description, causation, and treatment.

PSYC 250: Child Development (3)
Instructor: Dr. Elizabeth Adams (001), Grant Canipe (002)
Prerequisite: PSYC 101
Study of the development of social and intellectual behavior in normal children and the processes that underlie this development. Emphasis is typically on theory and research.

PSYC 260: Social Psychology (3)
Instructor: Dr. Steve Buzinski (001), Yenping Chang (002), Holly Shablack (003) & Jason Hannay (004)
Prerequisite: PSYC 101
Introductory survey of experimental social psychology covering attitudes, interpersonal processes, and small groups.

PSYC 270: Laboratory Research in Psychology (4)
Instructor: Dr. Patrick Harrison (001), Dr. Viji Sathy (002)
Prerequisites: PSYC 101, and 210 or 215
Experiments in biological, behavioral, cognitive, developmental, personality, and social psychology will be discussed, prepared, performed, and reported. One lecture hour and four laboratory hours per week.

PSYC 330 Introduction to Cognitive Science (3)
Instructor: Dr. Vicki Chanon (001)
Prerequisites: PSYC 101, and 210 or 215
An introduction to the interdisciplinary study of the mind, intelligent behavior, information processing, and communication in living organisms and computers.

Upper-Level Undergraduate Courses (PSYC 400-699)

PSYC 420 Functional Neuroanatomy (3)
Instructor: Dr. Charlotte Boettiger (001)
Prerequisite: PSYC 220, 315, BIOL 352, or 455
For advanced undergraduate and graduate students. An introduction to human neuroanatomy, covering function of the neuroanatomy of each major system and relation to neurobehavioral disorders associated with damage to the neuroanatomy of the system.

PSYC 424 Neural Connections: Hands-On Neuroscience (3)
Instructor: Dr. Marsha Penner (001)
Prerequisites: PSYC 220 or PSYC 315
This class will explore links between the brain and behavior through neuroscience outreach activities. Students will also reflect on the meaning of community engagement. By the end of the semester, each student must complete a minimum of 30 hours of service within the community.

PSYC 428 Neuroscience, Society, and the Media (3)
Instructor: Dr. Marsha Penner (001)
Prerequisites: PSYC 101, and 220 or 315
Neuroscience is a “hot” topic in popular media. In this course we will consider media coverage of neuroscientific research by reading the popular press versions of studies alongside the findings from primary sources. We will also consider what kinds of topics are most often covered by the media and why.

PSYC 430 Human Memory (3)
Instructor: Dr. Neil Mulligan (001)
Prerequisites: PSYC 101, and 222 or 230
This course explores classic and current issues in the study of human memory. Topics include working memory, encoding and retrieval processes, implicit memory, reconstructive processes in memory, eyewitness
memory, developmental changes in memory, neuropsychology and neuroscience of memory and memory disorders, memory improvement, and the repressed/recovered memory controversy.

**PSYC 468: Family as a Context for Development (3)**
**Instructor:** Dr. Martha Cox (001)
Prerequisites: PSYC 101, 250, and 210 or 215
Explores how the family influences children’s development. Topics include family theories, genetics, family structure, discipline, parent behavior and values, beliefs, fathers, and ethnic diversity.

**PSYC 469: Evolution and Development of Biobehavioral Systems (3)**
**Instructor:** Dr. Jean-Louis Gariepy (001) and (002)
Prerequisites: BIOL 101 and PSYC 101, and 210 or 215
Examines the evolution and development of behavior patterns and their physiological substrates.

**PSYC 490: Understanding Brain Circuits (3)**
**Instructor:** Dr. William Snider
Prerequisites: PSYC 220 or PSYC 315, or BIOL 202, 205, or 450
This course is designed for upper level undergraduates who are interested in understanding how brain circuits control behavior. A major focus will be the new technique of optogenetics that is revolutionizing our approach to systems neuroscience. Circuits that control movement, sensation, sleep, memory, and fear will be explored in detail. Correlations will be drawn between circuits in rodents and corresponding circuits in humans. Finally, diseases affecting specific neural circuits such as ALS, Parkinson’s Disease, and Alzheimer’s Disease will be studied.

**PSYC 493: Internship in Psychology (3)**
**Instructor:** Dr. Steve Buzinski
Prerequisites: PSYC 101 and completion of application process

**PSYC 500: Developmental Psychopathology (3)**
**Instructor:** Dr. Charles Wiss (001)
Prerequisites: PSYC 101, 245, and 250
A survey of theories bearing on atypical development and disordered behavior, and an examination of major child and adolescent behavior problems and clinical syndromes.

**PSYC 501: Theoretical, Empirical Perspectives on Personality (3)**
**Instructor:** Dr. Patrick Harrison (001)
Prerequisite: PSYC 101
An in-depth coverage of the traditional clinically based personality theories of the early 20th century contrasted with more recent empirically based perspectives.

**PSYC 503: African American Psychology (3)**
**Instructor:** Dr. Enrique Neblett (001)
Prerequisites: PSYC 101
This course examines race and culture in the psychological processes and behavior of African Americans.

**PSYC 531: Tests and Measurement (3)**
**Instructor:** Dr. David Thissen (001)
Prerequisites: PSYC 101, and 210 or 215
Basic psychometric theory underlying test construction and utilization. Detailed study of issues and instruments used in assessing intellectual functioning, educational progress, personality, and personnel selection.

**PSYC 564: Interpersonal Processes (3)**
Instructor: Dr. Sara Algoe (001)
Prerequisites: PSYC 101, 260, and 210 or 215
Intensive coverage of normal interpersonal processes, focusing on the dyad.

**PSYC 566: Attitude Change (3)**
Instructor: Dr. Steven Buzinski (001)
Prerequisites: PSYC 101 and 260, and 210 or 215.
A detailed consideration of the theoretical issues in attitude and belief change.

**PSYC 569: Practical Wisdom from Advanced Social Psychology**
Instructor: Dr. Kurt Gray
Prerequisites: PSYC 101, 260, and 270
Surveys cutting-edge research across the field of social psychology and how it matters for everyday life. Topics include morality, mind perception, judgment and decision making, happiness, affective forecasting, emotion, relationships, negotiation, personality, free will, stress/health, and religion. Clear communication of research also emphasized through figures, presentations, and papers.

**PSYC 570: The Social Psychology of Self-Regulation (3)**
Instructor: Dr. Paschal Sheeran
Prerequisites: PSYC 101, 260, and 270
Surveys cutting-edge research across the field of social psychology and how it matters for everyday life. Topics include morality, mind perception, judgment and decision making, happiness, affective forecasting, emotion, relationships, negotiation, personality, free will, stress/health, and religion. Clear communication of research also emphasized through figures, presentations, and papers.

**PSYC 571: Social Neuroscience (3)**
Instructor: Dr. Keely Muscatell (001)
Prerequisites: PSYC 101 and PSYC 260
How does the brain process social information, and how do our social experiences influence the brain? In this seminar we’ll examine how the brain responds to social pains and pleasures, the brain systems supporting our ability to understand other peoples' thoughts and feelings, the neural bases of prejudice and discrimination, and other current topics in the exciting new field of social neuroscience.

**PSYC 601: Psychology and Law (3)**
Instructor: Dr. Neil Mulligan (001), Dr. Desiree Griffin (002)
Prerequisites: PSYC 101 and 210 or 215
Examines the legal system from the perspective of psychology methods and research, with a focus on criminal law. Discusses dilemmas within the law and between the legal system and psychology.

**PSYC 602: Evolutionary Psychology (3)**
Instructor: Dr. Charlie Wiss (001)
Prerequisites: PSYC 101
Major topics of general psychology are examined from an evolutionary perspective with an emphasis on empirical studies asking why much current human behavior and experience would have been adaptive for our early ancestors.

**PSYC 694H: Honors in Psychology II (3)**
Instructor: Dr. Peter Ornstein (001 & 002)
Prerequisites: PSYC 693H
Admission to the psychology honors program required. To be taken as the second course in the two-semester honors sequence. Students conduct research under the direction of a faculty advisor and receive classroom instruction in research-related topics.